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03/03/2004

**PATTI & BRILL**  
**ONE NORTH LASALLE STREET**  
**44TH FLOOR**  
**CHICAGO, IL 60602**



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Carmen B. Patti	(Depositor's name)
<i>Carmen B. Patti</i>	(Signature)
May 21, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
06/630,161	07/30/2003	Robert E. Stewart	LIT-113/GCD 01-07	7647

TITLE OF INVENTION: FIELD-ASSISTED FUSION BONDING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	06/03/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
GHYKA, ALEXANDER G	2812	156-379700

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Patti &amp; Brill, LLC

2

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

NORTHROP GRUMMAN CORPORATION

Woodland Hills, CA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee
- ☒ Advance Order - # of Copies 1 copy

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(Date)

Carmen B. Patti

5/21/2004

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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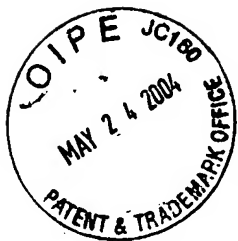
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Robert E. Stewart      **EXAMINER:** Ghyka, Alexander G.  
**SERIAL NO.:** 10/630,161      **GROUP:** 2812      **CONF. NO.** 7647  
**FILED:** 07/30/2003      **DOCKET** LIT-113/GCD 01-07  
**TITLE:** FIELD-ASSISTED FUSION BONDING

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**TRANSMITTAL LETTER**

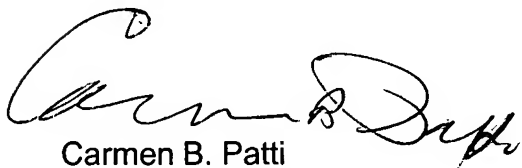
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Dear Sir:

Please find enclosed the following documents pertaining to the above referenced application:

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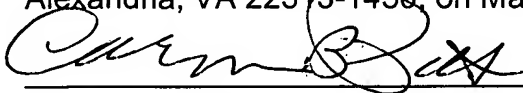
Respectfully submitted,

  
Carmen B. Patti  
Reg. No. 26,784

Patti & Brill, LLC  
Customer Number 32205

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 21, 2004.

  
Carmen B. Patti      May 21, 2004